



Continuing Education Seminars for

Construction Code Enforcement Officials

Sponsored by The New Jersey Department of Community Affairs

in cooperation with The Center for Government Services, Rutgers, The State University of New Jersey

Spring 2002

SEMINAR REGISTRATION

If your code enforcement license expires on July 31, 2002, please keep in mind that the Spring semester runs from March 6 through June 28, and you must complete your continuing education requirement during this time period.

There are no videotape seminars available for licensing renewal purposes. All continuing education requirements must be met within the regularly scheduled program.

Registration for Uniform Construction Code officials and inspectors who are working in code enforcement begins January 28, 2002.

Procedure: Open registration for all other licensed inspectors begins February 4, 2002. Realizing the content of our seminars is extremely valuable to keep all of our participants well informed, you may be permitted to sign up for one additional seminar above the required CEU amount. If you have completed your CEU requirements for the current license period, you would be allowed to sign up for one (1) additional seminar each semester above the required CEU amount. Starting on Monday of the third week (February 11, 2002) you will have the opportunity to sign up for one (1) additional seminar. To register for more seminars above the required amount, you should call one week before the start date of the seminar in question.

- Decide on a first and second choice from among the seminars being offered; in case your first choice is filled, you should have an alternate selection in mind. The DCA staff person who takes your call can answer questions concerning fulfillment of your education requirement for the current licensing period.
- 2. Call the DCA Education unit at 609/984-7820 (TDD 609/633-6804 for those who are hearing impaired) between the hours of 8:30am and 4:30pm. Be sure to have the following information ready:
 - Your municipality and UCC position (for working officials and inspectors)
 - Your code enforcement license number
 - Seminar number (located opposite the seminar title)
 - Date and location of the seminar you want to take

You will be limited to either two seminars or one per subcode in which you hold a license (whichever is greater) to give everyone an equal opportunity to register. If you wish to take an additional seminar, please refer to the procedure listed above.

Note: Seminars marked with an asterisk (*) in this brochure will also be offered at the 2002 Building Safety Conference in Atlantic City on May 1-3, 2002. Please plan your spring seminar schedule accordingly.

The Division of Fire Safety will award reciprocal credit for those seminars marked with

Confirmation

Confirmations are mailed approximately two weeks before the date of each seminar. If you have not received the confirmation one week in advance of a seminar for which you registered, call the Education Unit at 609/984-7820 to make certain your name is on the roster. Walk-in registrations are not permitted.

Duplicate Credit

You have the option of receiving duplicate credit for certain seminars designated with a D prefix. When registering, be sure to use the D number. AT THE SEMINAR SIGN-IN YOU WILL BE ASKED TO INDICATE WHETHER OR NOT YOU WISH TO RECEIVE DUPLICATE CREDIT.

Reciprocal Credit



In order to receive reciprocal credit, you must provide your Division of Fire Safety certification number when you sign in at the seminar.

Interested Parties

Architects, engineers, builders, and other unlicensed interested parties may attend seminars for a fee of \$75. Those interested parties who wish to participate may call anytime after the third week of registration.

Cancellation Policy

If you are unable to attend a seminar for which you registered, you must call the Education Unit to cancel your reservation as soon as possible. When you cancel, this seat becomes available to someone who is waiting. Failure to inform us of your cancellation may result in future registrations being restricted.

The use of pagers and cell phones is disruptive in seminars. Please turn off the auditory signals on these devices while in the classroom.

Directions to Facilities

This brochure contains the directions to all facilities at which seminars will be conducted. Keep this brochure to reference during the semester. Maps will NOT be sent

All 0.5 credit seminars begin at 8:30am and conclude by 4:00pm. Person who miss a substantial portion of a seminar or who leave a seminar early, for any reason, will not receive credit for the seminar.



ADMINISTRATIVE SEMINARS

Barrier Free Subcode - Adopted April 1999* D009/A139

Instructor: Jack Boekhout

Mandatory seminar for Building Inspectors

The Barrier Free Subcode was amended at the beginning of February 1999. This course reviews each of the amendments to Subchapter 7, including the revisions to access requirements for multi-family residences and an explanation of the coordination with the Federal Fair Housing Amendments Act of 1988. Provisions of the revised Barrier Free Subcode that provide compliance with the Federal Americans with Disabilities Act regulations are also covered. Emphasis is placed on ensuring that code officials understand where their enforcement authority lies and also on showing where in Subchapter 7 and the CABO/ANSI A117.1 standard the provisions and requirements of the Barrier Free Subcode can be found. Participants have the option of receiving building subcode (B214) duplicate credit for completion of this seminar.

0.5 CEU

3/28 (Thurs.)Clarion, Cherry Hill 6/13 (Thurs.).......Holiday Inn, Hasbrouck Heights

This seminar will also be available on-line in the fall. Please call the Education Unit (609/984-7820) for

Time Management

information.



A166

Instructor: Staff, State of New Jersey Department of Personnel, Human Resource Development Institute This seminar teaches how to identify time robbers and practice techniques for eliminating them. Participants learn to identify objectives, confront problem areas, and develop individualized action plans. This course is applicable towards the technical assistants certification program.

0.5 CEU

3/21 (Thurs.).....Brookdale Community College, Lincroft

UCC Law

A184

Instructor: Richard Z. Osworth

Bureau of Code Services

The objective of this course is to give an overview of the legislation upon which the regulations are based. The course will cover the Code Advisory Board, regulation adoption process and the enforcement of provisions of these regulations. This course is applicable towards the technical assistants certification program.

O.5 CEU

3/15 (Fri.)Fairfield Executive Inn, Fairfield

Rehabilitation Subcode Briefing

A187

Instructor: James Foran

Subchapter 6 of the UCC, the "Rehabilitation Subcode," was adopted on January 5, 1998, providing a new code to deal with rehabilitation projects on existing buildings in New Jersey. It replaces the 25/50 rule, the increase in size provisions, and the change of use section in the UCC. This course is a briefing in which the framework of this subcode is explained and illustrated. 0.5 CEU 3/14 (Thurs.).....Fairfield Executive Inn, Fairfield

Conflict Resolution on the Job Instructor: Dr. David Weischadle

4/10 (Wed.)Ramada Inn. Vineland

A235

This seminar will focus on conflict and how the resolution of conflict can be used to assist an individual, organization, or work team to achieve greater satisfaction, productivity, and efficiency. The basis of the session will be the development of a win-win attitude and the consideration of strategies and techniques which will result in all sides gaining some benefit as a result of resolving a conflict. Both individual and group relationships will be explored. This course is applicable towards the technicl assistants certification program.

3/8 (Fri.)Ramada Inn, East Brunswick

Business Writing Skills for UCC Personnel A236

Instructor: Philip J. Sabatelli This seminar teaches the skills required for effective written reports, forms, letters, memoranda, newsletters, and public relations pieces. It also covers the importance of effective observation, verbal description, and note taking in connection with investigations and expert

5/30 (Thurs.)Fairfield Executive Inn, Fairfield

Legal Aspects of Code Administration

A238

0.5 CEU

Instructor: BOCA International

testimony.

This seminar provides code officials with guidelines and helpful hints for administering the legal aspects of codes with regard to enforcement, prosecution, and maintenance. Case studies and specific legal situations and their impact on code officials will be discussed. 0.5 CEU

5/15 (Wed.)Quality Inn, Maple Shade 6/14 (Fri.)Holiday Inn, Hasbrouck Heights

Construction Work, Applications and the Municipal Procedures Manual

Instructor: Susan McLaughlin, Education Unit The municipal procedures manual is a statewide comprehensive system for record keeping and administration of the UCC. This seminar will begin with an overview of "You Can Build It". It is a guide to self help so that construction work is safe and legal. A glossary of basic terms will be discussed. This "how to" document will be reviewed. This training seminar is geared toward those who are new to the office or would like current information on procedures. 0.5 CEU

Note: This course will replace A174 Forms and Formats as a technical assistant course.

4/11 (Thurs.)Ramada Inn, Mahwah 6/28 (Fri.)Ramada Inn, East Brunswick

Dialogue on Respect

A250

Instructor: Claudia Monte, CAM Consulting Participants will discuss the questions Whatever happened to respect? and How do we get it back? to increase awareness of the importance of respect and courtesy in developing and maintaining successful professional and personal relationships. 0.5 CEU 4/9 (Tues.)Ramada Inn, Mahwah

Problem Solving and Decision Making 🍑 A251



Instructor: Phillip J. Sabatelli

This seminar will cover three areas of interest to UCC Personnel: (1) problem-solving; (2) decision-making; and (3) critical thinking. The program will help participants strengthen the three sets of skills and integrate their techniques to improve performance on-the-job. 0.5 CEU 5/22 (Wed.)Best Western/Palmer Inn. Princeton

Advanced Barrier Free Subcode D038/A256

Instructor: Jack Boekhout

In this seminar, students will be made aware of some of the fine points of Barrier Free compliance. Participants will have an opportunity to experience the problems associated with the operation of a wheelchair and crutches. They will experience first hand changes in level, maneuvering problems, and compare them to the code text. All students will be expected to participate in the wheelchair workshop(s). Participants have the option of receiving building subcode (B287) duplicate credit for completion of this seminar.

Note: This is not the mandatory Barrier Free Subcode 1998 (D009) seminar

4/23 (Tues.)Holiday Inn, Toms River 5/29 (Wed.)Fairfield Executive Inn. Fairfield

Beyond Cultural Differences--Working Productively in Diverse Settings 4259

Instructor: Peter Muniz, Peter Muniz & Co.

This seminar will help participants increase their skills in managing and working productively in a diverse workforce. Seminar learnings also apply to communications with the public that the participants serve. This seminar is based on a model developed by the instructor to help people improve productivity, communications, and relationships in work environments involving diversity in its many forms including: cultural, gender, sexual orientation, age, and differential abilities.

0.5 CEU

6/20 (Thurs.)Clarion, Atlantic City West
Customer Service for the Construction

NEW!

A260

Official 4

Instructor: Lee Ireland, Lee Ireland Consulting

This seminar presents the code official with the basic customer service skills needed to perform effectively in the code enforcement work environment. It lets the code official work 'smart', not hard.

0.5 CEU

3/6 (Wed.)Ramada Inn, East Brunswick

4/16 (Tues.).....Holiday Inn, Clinton 6/4 (Tues.)Holiday Inn, Toms River

Preparing and Serving Non-Threatening, Effective Violation Notices*

A261

NEW!

Instructor: Sherman Edmondson McDaniel

6/27 (Thurs.)Ramada Inn, East Brunswick

This seminar leads the participant through the logical progression of a project to the issuance of a notice of violation. The participant learns how to use the notice of violation as an effective aid in educating the customer as well as an instrument through which voluntary compliance can be achieved. This course is equally helpful to inspectors with an intermediate level of knowledge and experience who are open to learning new techniques and approaches to field activities. O.5 CEU 3/13 (Wed.)Fairfield Executive Inn, Fairfield

Ethics and Values for UCC Personnel*



A262

Instructor: Philip J. Sabatelli

This program will explore the role of ethics and values in the work of UCC personnel. Through exercises and discussion, participants will identify, define, and apply selected concepts from the fields of ethics and values clarification as they relate to potential ethical dilemmas and their solutions.

O.5 CEU

5/10 (Fri.)Holiday Inn, Saddle Brook

The Dynamics of Change* 4

NEW!

Instructor: Claudia Monte, CAM Consulting
In this interactive seminar participants will learn

In this interactive seminar, participants will learn how to confidently meet the challenges of change, generate positive support for change, encourage involvement during implementation, manage reactions to change, and move forward as change agents instead of change resistors.

O.5 CEU

3/28 (Thurs.)Crowne Plaza, Clark 5/16 (Thurs.).....Quality Inn, Maple Shade

Communication Skills*

A264



NEW!

Instructor: David Weischadle

This seminar will focus on practical applications of communications for the code official in the workplace. The focus of the workshop will be on applying the communication process to effectively expressing one's thoughts and ideas, and also receiving those thoughts and ideas from others. Identification of common barriers, the elements of non-verbal communications, and good "questioning" techniques will be studied and practiced.

0.5 CEU

4/5 (Fri.)	Holiday Inn, Springfield
5/23 (Thurs.)	Best Western/Palmer Inn. Princeton



TECHNICAL SEMINARS



BUILDING

Ventilation and Combustion Air D003/B160

Instructor: Julius Ballanco, JB Engineering & Code Consulting

The enforcement of ventilation air requirements and the need for adequate combustion air for fuel burning appliances have become increasingly more important with the construction of tighter buildings. This seminar reviews all the requirements for ventilation air and combustion air. The program also includes a summary of recent sick building syndrome litigation and the new state requirements related to this issue. Participants have the option of receiving fire subcode (F12O) and/or mechanical subcode (M005) duplicate credit for completion of this technical seminar.

4/17 (Wed.)Holiday Inn, Clinton 6/18 (Tues.)....Clarion, Atlantic City West

Fabrication and Installation of HVAC Systems D006/B205

Instructor: A. Martinez, SMW International Trng. Inst. This seminar identifies approved procedures for fabricating and installing heating, ventilating, and air conditioning (HVAC) systems and helps inspectors recognize the importance of establishing methods of inspecting HVAC components critical to the safety, health, and comfort of the general public. Participants have the option of receiving mechanical subcode (MO11) duplicate credit for completion of this technical seminar.

O.5 CEU

5/17 (Fri.).....Crowne Plaza, Clark 6/18 (Wed.).....Clarion, Atlantic City West

Barrier Free Subcode - Adopted April 1999* D009/B214

Mandatory seminar for Building Inspectors See A139

3/28 (Thurs.)Clarion, Cherry Hill 6/13 (Thurs.)......Holiday Inn, Hasbrouck Heights

This seminar will also be available on-line in the fall. Please call the Education Unit (609/984-7820) for information.

Use Groups, Height and Area Limitations and Types of Construction

D023/B246

Instructor: William J. Merchut, Merchut & Merchut, Inc. This seminar will explain the different use group classifications, area and height limitations, and types of construction. It will then explain, by examples and problem solving, how each effects the analysis of the size of a building. Basic and intermediate plan review will be covered. Participants have the option of receiving fire subcode (F193) duplicate credit for completion of this seminar. Please bring a calculator and BOCA National Building Code/1996 to this seminar. 0.5 CEU

3/15 (Fri.)Best Western, Millville 6/26 (Wed.)Ramada Inn, East Brunswick

Means of Egress WD024/B247

Instructor: William J. Merchut, Merchut & Merchut, Inc. This seminar will explain occupant loads, egress components, egress distribution, number of exits and the capacity of exits. It will then explain, by examples and problem solving, how sprinkler protection, building design and use group classification can effect the analysis of the egress system through and from a building. Basic and intermediate plan review will be covered. Participants have the option of receiving fire subcode (F194) duplicate credit for completion of this seminar. Please bring a calculator and BOCA National Building Code/1996 to this seminar.

3/14 (Thurs.).....Best Western, Millville 6/25 (Tues.)Ramada Inn, East Brunswick

Concepts of the International

Fuel Gas Code 2000

D030/B264

Instructor: BOCA International

This seminar introduces the first edition of the International Fuel Gas Code by identifying and describing key sections. Code Officials need to be able to locate, describe and apply applicable code requirements to determine compliance or noncompliance. This seminar provides the opportunity to learn to apply the code requirements through the use of job aids and application exercises. Participants have the option of receiving fire subcode (F223) and/or plumbing subcode (P082) duplicate credit for completion of this seminar. Bring copy of International Fuel Gas Code 2000 to this seminar.

0.5 CEU

3/6 (Wed.)Ramada Inn, East Brunswick 3/21 (Thurs.)Holiday Inn, Hasbrouck Heights 5/14 (Tues.)Quality Inn, Maple Shade

Overview of the International Mechanical Code 2000*

D031/B265

Instructor: BOCA International

This experience is designed to assist participants in locating, describing and applying code requirements of the International Mechanical Code to determine compliance or noncompliance. Participants have the option of receiving fire subcode (F224), mechanical subcode (M022), and/or plumbing subcode (P083) duplicate credit for completion of this seminar. Bring copy of the International Mechanical Code 2000 to this seminar.

0.5 CEU

3/12 (Tues.).....Best Western, Millville 5/16 (Thurs.)....Crowne Plaza, Clark 6/11 (Tues.)Holiday Inn, Hasbrouck Heights

Introduction to the International Building Code D036/B285

Instructor: Gary C. Lewis

In this seminar, participants will become familiar with the various changes in the proposed International Building Code and any statewide modifications promulgated by New Jersey amending the 2000 edition of the code. Participants have the option of receiving fire subcode (F238) duplicate credit for completion of this seminar.

0.5 CEU

5/9 (Thurs.)Holiday Inn, Saddle Brook 5/17 (Fri.)......Quality Inn, Maple Shade 5/21 (Tues.)Four Points Sheraton, Mt. Arlington 6/4 (Tues.)Holiday Inn, Toms River

Advanced Barrier Free Subcode D038/B287

See A256

4/23 (Tues.)Holiday Inn, Toms River 5/29 (Wed.)Fairfield Executive Inn, Fairfield

CABO Model Energy Code 1995 (MEC)* B289

Instructor: Shirley Muns, BOCA

This newly adopted residential energy code is accompanied by MEC Check software, which is a key part in implementing and enforcing the code. It is suggested that at least one code official from each of the 566 municipalities attend this class.

O.5 CEU

3/27 (Wed.)..........Crowne Plaza, Clark 5/8 (Wed.).....Holiday Inn, Saddle Brook 6/27 (Thurs.)Ramada Inn, East Brunswick

A Well Connected House B292

Instructor: Simpson Strong Tie

This seminar will educate and teach the building inspector/code official about the code requirements and proper use of connectors to strengthen a structure and meet current/future code requirements. Building codes require inspection for the proper installation of connections. This seminar will show how to quickly determine the correct connection and where to look for it.

O.5 CEU

3/20 (Wed.)Brookdale Community College, Lincroft

5/29 (Wed.)Cape May County Public Safety
Training Center, Cape May Court
House

How To Inspect Engineered Wood Installations B293

Instructor: Sal Vuocola, APA

This seminar is intended to present a variety of engineered wood products including wood structural panels, glue-laminated framing members, wood I-joists and rim board, and laminated veneer lumber. The seminar will facilitate the field evaluation of engineered wood fram structures by building inspectors, but will also be of interest to plan reviewers, professional designers, building product suppliers and the general construction community.

3/8 (Fri.)Ramada Inn, East Brunswick 4/23 (Tues.)Holiday Inn, Toms River 5/31 (Fri.)....Fairfield Executive Inn, Fairfield

Structural Lumber Connectors B294

Instructor: Allen Marsdale USP Lumber Connectors

This seminar will familiarize participants with connectors available today and the code evaluation processes used to review these products. Proper installations, corrosion resistant options and their effectiveness, load ratings of connectors and how they are established. The importance of fasteners, high wind design and inspection for creating a continuous load path will also be covered. New lumber technologies like engineered wood products and structural panels also utilize a wide variety of connectors that will be reviewed.

O.5 CEU

4/10 (Wed.).....Ramada Inn, Mahwah 6/6 (Thurs.)Holiday Inn, Toms River ety

NFWI

Inspection of Metal Plate Connected Wood Trusses* B295

Instructor: Wood Truss Council

This session will provide the attendee with a fundamental understanding of the truss industry, truss design concepts, the manufacturing process, in-plant quality control, shipment to the job site, erecting and bracing trusses on the provided bearing systems, what to look for when performing a site inspection, and how to deal with any problems encountered on the job site. 0.5 CEU 3/14 (Thurs.).....Fairfield Executive Inn, Fairfield 4/11 (Thurs.)Ramada Inn. Vineland

Seismic and Flood Considerations for Non-Structural Building Components B296

NEW!

Instructor: Richard Berger

5/31 (Fri.).....Cape May County Public Safety Training Center, Cape May Court House

Overview of the 2000 International Residential Code D040/B297

NEW!

Instructor: Mark Tebbets, BOCA

This seminar is intended to assist participants in locating, describing, and interpreting key code requirements of the 2000 International Residential Code. Participants have the option of receiving fire subcode (F244) duplicate credit for completion of this technical seminar.

0.5 CEU

3/15 (Fri.)Fairfield Executive Inn, Fairfield 4/24 (Wed.)Holiday Inn, Toms River 6/20 (Thurs.)Clarion, Atlantic City West

ASHRAE 90.1 - 1999 D041/B298

the Standard to this seminar.

Instructor: GPU

This newly adopted standard serves as a guide for setting design requirements to minimize building energy use. It encompasses the areas of building envelope, HVAC, hot water, and lighting. The workshop will cover the four major areas of the Standard and the methods in which compliance can be achieved. Bring your copy of

6/6 (Thurs.)Holiday Inn, Toms River

NEW!

0.5 CEU



ELECTRICAL

Article 680--Swimming Pools, Hot Tubs, Spas, Fountains, and Hydromassage Tubs E055

Instructors: Victor V. Timpanaro and Richard M. Marshall

This seminar provides the inspector with a definitive explanation of swimming pools and their associated equipment, as well as methods of wiring hot tubs, spas, and reflective fountains are also covered. Code enforcement misconceptions are identified and the original intent of the Code is explained so that more consistent enforcement will take place. Bring your copy of the 1999 NEC to this seminar.

5/30 (Thurs.)Cape May County Public Safety
Training Center, Cape May Court
House

6/12 (Wed.)Holiday Inn, Hasbrouck Heights

Electrical Systems for Elevators--Article 620* D039/F085 NEW!

Instructors: Victor V. Timpanaro and Richard M. Marshall

Article 620 covers wiring methods, grounding requirements, overload protection and disconnecting means for feeders, branch circuits supplying power to the machine room. It also addresses the actual machine room, controls and devices and any signaling devices necessary for the proper opeeration and installation of elevators, escalators, and other equipment covered in the scope of this article. Hoistway wiring methods are also targeted in this discussion.

O.5 CEU

5/7 (Tues.)Holiday Inn, Saddle Brook 6/5 (Wed.).....Holiday Inn, Toms River

Service and Feeders, Commercial and Industrial Occupancies E086



Instructor: Joseph Warren

This seminar will address the difficult interpretations in Article 230 and show how to apply the numerous other articles that come into play in making these interpretations for a safe installation. Additionally, the participants will learn how to evaluate any service or feeder installation so that accurate plan reviews and field inspections can be accomplished.

O.5 CEU

3/12 (Tues.).....Fairfield Executive Inn, Fairfield 6/7 (Fri.)Holiday Inn, Toms River

Additional Requirements for Specific Hazardous Locations--NEC Articles 510-516 F087



Instructor: Stephen V. Norako

This seminar will focus on Articles 510 through 516, the specific locations identified by the NEC. These locations include commercial garages, aircraft hangers, gasoline dispensing and service stations, bulk storage plants, and spraying, dipping and coating processes. These locations warrant special attention due to their frequency of construction and confusion of the intent of the NEC in regard to wiring and equipment installation.

O.5 CEU

4/23 (Tues.)Holiday Inn, Toms River 6/28 (Fri.)Ramada Inn, East Brunswick

Generators, Transformers, Motors and Compressors -- 2 days F088

40

Instructor: James Stallcup, Grayboy, Inc.

This two-day seminar covers theory, operation, and the different types of generators, transformers, motors, and compressors as well as the rules and regulations of the NEC that pertain to their design and installation, including a full understanding of their performance.

1.0 CEU 4/2-3 (Tues.-Wed.)...Holiday Inn. Springfield

Solar Electric Power Systems and the NEC E089

NEW!

Instructor: John C. Wiles, Jr.

This seminar examines the requirements of the NEC as they apply to photovoltaic (solar electric, or PV) power systems. Topics to be addressed are design requirements for the balance of systems components in a photovoltaic system, including conductor selection and sizing, overcurrent protection ratings and location, and disconnect ratings and location. Stand-alone, hybrid and utility interactive systems will be addressed in the course. Attendees should be familiar with the NEC and understand the installation methods and hazards associated with residential and commercial electrical power systems.

O.5 CEU

3/19 (Tues.).....Holiday Inn, Hasbrouck Heights 6/19 (Wed.).....Clarion, Atlantic City West

ASHRAE 90.1 - 1999 D041/E090

See B298

6/6 (Thurs.)Holiday Inn, Toms River

NEW!



ELEVATOR

Elevator Cables

L017

Instructor: D. Kaczmarek, Draka Elevator Products, Inc. This seminar will cover basic comprehension of elevator traveling, compensating and hoistway cables as well as understanding the NEC codes that govern traveling cable construction and installation and how to install them "to code". Participants will look at NEC tables to determine maximum amperage for traveling cable conductors and learn when compensating cable can and/or can't be used according to ASME A17.1. 0.5 CEU

5/29 (Wed.)Fairfield Executive Inn, Fairfield

Escalator Safety

L018

Instructor: Stephen C. Hope

Vertical Analysis LLC

This seminar is designed to promote the importance and necessity of inspections as a proactive means of enhancing safety. This will be achieved by attaining a clear comprehension of the cause and effect of accidents, and the functional performance of the equipment. Participants will review current code requirements and inspection techniques, and will explore new, mathematical analogies designed to enhance typical inspections. The benefits of new inspection technology will also be discussed.

0.5 CEU

3/7 (Thurs.)Ramada Inn, East Brunswick

Electrical Systems for Elevators-Article 620*
D039/L019



See E085

5/7 (Tues.)Holiday Inn, Saddle Brook 6/5 (Wed.)....Holiday Inn, Toms River



FIRE

Ventilation and Combustion Air See B160 4/17 (Wed.)Holiday Inn, Clinton 6/18 (Tues.)Clarion, Atlantic City V		
Use Groups, Height and Area Limits Types of Construction See B246 3/15 (Fri.)Best Western, Millville 6/26 (Wed.)Ramada Inn, East Brun	D023/F193	
Means of Egress See B247 3/14 (Thurs.)Best Western, Millville 6/25 (Tues.)Ramada Inn, East Brur	D024/F194	
Concepts of the International Fuel Gas Code 2000 See B264 3/6 (Wed.)Ramada Inn, East Brur 3/21 (Thurs.)Holiday Inn, Hasbrouch 5/14 (Tues.)Quality Inn, Maple Sha	k Heights	
Overview of the International Mechanical Code 2000* See B265 3/12 (Tues.)Best Western, Millville 5/16 (Thurs.)Crowne Plaza, Clark 6/11 (Tues.)Holiday Inn, Hasbrouch	D031/F224 k Heights	
Introduction to the International Building Code D036/F238 See B285 5/9 (Thurs.)Holiday Inn, Saddle Brook 5/17 (Fri.)Quality Inn, Maple Shade 5/21 (Tues.)Four Points Sheraton, Mt. Arlington 6/4 (Tues.)Holiday Inn, Toms River		

Fire Pumps for Fire Protection F241



Instructor: Don Donath, NFSA

This one-day program provides attendees with vital information about the design and installation of fire pumps. The NFPA 20-99 and the NFPA Fire Pump Handbook are used as reference material. This is an intermediate level class. 0.5 CEU

3/13 (Wed.)Best Western, Millville

Basic Sprinkler Protection of Storage Occupancies 📥 F242

Instructor: Don Donath, NFSA

This program provides the participant with the latest procedures for design, layout and installation of fire sprinkler systems providing fire control and suppression for storage and warehouse occupancies. The course will discuss in depth the sprinkler protection for General Storage and Rack Storage in accordance with NFPA 13-99. This is an intermediate to advanced class. 3/12 (Tues.).....Fairfield Executive Inn. Fairfield

Advanced Sprinkler Protection of Storage Occupancies F243

Instructor: Don Donath, NFSA

This seminar provides the attendeewith the knowledge of the changes in nFPA 13-99 as they relate to storage and the design and installation of sprinkler protection to special hazards in accordance with NFPA 13-99. This is an advanced class. 0.5 CEU

5/31 (Fri.).....Fairfield Executive Inn, Fairfield 6/26 (Wed.)Ramada Inn, East Brunswick

Overview of the 2000 International Residential Code D040/F244

See B297

3/15 (Fri.)Fairfield Executive Inn, Fairfield 4/24 (Wed.)Holiday Inn, Toms River 6/20 (Thurs.)Clarion, Atlantic City West



MECHANICAL

Ventilation and Combustion Air D003/M005

See B160

4/17 (Wed.)Holiday Inn, Clinton 6/18 (Tues.).....Clarion, Atlantic City West

Fabrication and Installation of HVAC Systems D006/M011

See B205

5/17 (Fri.).....Crowne Plaza, Clark 6/18 (Wed.).....Clarion, Atlantic City West

Overview of the International

Mechanical Code 2000*

D031/M022

See B265

3/12 (Tues.).....Best Western, Millville 5/16 (Thurs.)....Crowne Plaza, Clark 6/11 (Tues.)Holiday Inn, Hasbrouck Heights

Natural Gas and LPG Systems

D037/M025

Instructor: Fredric L.Reuss

This seminar will analyze natural gas piping systems and LPG piping/storage tank system requirements. In-depth plan review and inspection criteria will be discussed as they relate to the 1998 NFPA-58 Code and the 2000 International Fuel Gas Code. Specific code requirements and design aspects will be discussed and reviewed. Participants have the option of receiving plumbing subcode (P092) duplicate credit for completion of this seminar.

0.5 CEU

3/20 (Wed.)Holiday Inn, Hasbrouck Heights 5/21 (Tues.).....Best Western/Palmer Inn, Princeton



PLUMBING

Water Pipe Sizing

P062

Instructor: Julius Ballanco, JB Consulting
This seminar reviews the numerous pipe sizing methods
for water distribution systems. This program covers the
details of the supply fixture unit sizing method as well as
many other accepted engineering practices. Other water
sizing factors are also addressed, including water
hammer, air hammer, low pressure, water heater sizing,
and hydro-pneumatic pumping systems.

0.5 CEU

4/18 (Thurs.)Holiday Inn, Clinton 6/19 (Wed.)Clarion, Atlantic City West

Plumbing Plan Review and Inspection*

P067

Instructor: Fredric Reuss

This seminar thoroughly reviews plumbing plan review and inspection requirements for various types of buildings, including all applicable NSPC and mechanical code requirements. Plan review and inspection procedures are evaluated.

O.5 CEU

5/30 (Thurs.)Fairfield Executive Inn, Fairfield 6/25 (Tues.)Ramada Inn, East Brunswick

Concepts of the International Fuel Gas Code 2000

D030/P082

See B264

3/6 (Wed.)Ramada Inn, East Brunswick 3/21 (Thurs.)Holiday Inn, Hasbrouck Heights 5/14 (Tues.)Quality Inn, Maple Shade

Overview of the International Mechanical Code 2000* D031/P083

See B265

3/12 (Tues.).....Best Western, Milville 5/16 (Thurs.).....Crowne Plaza, Clark 6/11 (Tues.).....Holiday Inn, Hasbrouck Heights

P089

Instructor: Fredric L. Reuss

This seminar will detail all code changes that have occurred between the 1996 National Standard Plumbing Code (NSPC) and the 2000 NSPC. The purpose of this seminar will be to ensure that the participant clearly understands the associated code changes that have occurred since the last code adoption cycle. The seminar will delineate the associated code changes that have been incorporated into the 20000 National Standard Plumbing Code.

0.5 CEU

3/19 (Tues.).....Brookdale Community College, Lincroft

3/26 (Tues.)Clarion, Cherry Hill 5/22 (Wed.)Four Points Sheraton, Mt. Arlington

Natural Gas and LPG Systems

D038/P092

See MO25

3/20 (Wed.)Holiday Inn, Hasbrouck Heights 5/21 (Tues.)....Best Western/Palmer Inn, Princeton

Vents and Venting P093

Instructor: Julius Ballanco, JB Consulting

One of the more confusing areas of the Plumbing Code is the venting requirements. Conflict in the field is commonplace because of the lack of understanding by the contractor regarding the specific code regulations. This program will examine the principles of venting and review the technical aspects of the code requirements. All of the acceptable venting methods regulated by the code will be reviewed. In addition, the acceptable engineered designs permitted by the alternative methods will be explored in engineering detail.

O.5 CEU

3/13 (Wed.)Fairfield Executive Inn, Fairfield 6/7 (Fri.)Holiday Inn, Toms River



DIRECTIONS TO FACILITIES

This brochure contains the directions to all facilities at which seminars will be conducted. Keep this brochure to reference during the semester. Maps will not be sent out.

Atlantic City West: Clarion

6821 Blackhorse Pike (Route 40) 609 / 272-0200

From GSP Southbound take Exit 37. Turn left at stop sign (Washington Ave.). Turn right at first traffic light, Fire Road. At next traffic light, turn left - Black Horse Pike/Route 40. Hotel is 1/2 mile on right.

From GSP Northbound take Exit 36. Turn left at first traffic light, Fire Road. At second traffic light, turn right onto Black Horse Pike/Route 40. Hotel is 1/2 mile on right.

Cape May Court House:

Cape May County Public Safety Training Center

175 Crest Haven Road 609/465-2570

Take GSP Southbound to first traffic light on or about mile marker 11. Make left turn onto Cresthaven Road and follow road as it bends. Sign into facility is on right.

Cherry Hill: Clarion

1450 Route 70 East 609/428-2300

From NJ Turnpike take Exit 4 (Route 73 North) to Exit 34B (I-295 South). Hotel is located 100 yards from exit on Route 70 West.

Clark: Crowne Plaza 36 Valley Rd.

732/574-0100

From GSP North or South take Exit 135 stay left-Northbound, take 2nd exit off circle-Southbound take 4th exit off circle, hotel is on the left.

From NJ Turnpike take Exit 11 to the GSP, North, follow the directions for Parkway.

Clinton: Holiday Inn

111 Route 173

908/735-5111

From Route 78 take Exit 15 - Clinton/Pittstown to traffic light and follow Route 173 West to Holiday Inn on left.

East Brunswick: Ramada Hotel

195 Route 18 South

732/828-6900

From NJ Turnpike take Exit 9 - New Brunswick. After toll booths go left onto Route 18 South. Hotel is on right.

Fairfield: Fairfield Executive Inn

216-234 Route 46 East

973/575-7700

From **Route 80 Eastbound** take Exit 47B - Route 46 East/Montclair, The Caldwells. Follow through 3 traffic lights. Hotel is 7/10 mile past third traffic light on right.

From **GSP Northbound** take Exit 153B to Route 3 West. Get onto Route 46 West. Take Gately Overpass exit over bridge. Turn right at stop sign. Proceed onto Route 46 East. Hotel is on right.

Hasbrouck Heights: Holiday Inn

283 Route 17 South 201/288-9600

From **GSP** exit at Route 80 East. After approximately 3 miles take Exit 64 onto Route 17 South. Hotel is on right. From **NJ Turnpike** take Exit 16W to Route 3 West onto Route 17 North. Proceed through 5 traffic lights. Turn

Lincroft: Brookdale Community College

765 Newman Spring Road 732/224-2307

left behind diner onto Route 17 South back to hotel.

From **GSP Southbound** take Exit 109; at the traffic light make a right onto Newman Spring Rd. (Rte. 520). Follow this road for approximately two miles. The entrance to Brookdale, marked with a traffic light, will be on your left. From **GSP Northbound** take Exit 109 and make a left at the light onto Newman Spring Rd. Follow directions above.

Mahwah: Ramada Inn

180 Route 17 South

201/529-5880

From **GSP Northbound** take Exit 163 onto Route 17 North. Travel about 10 miles to the Route 202 exit in Mahwah. Take U-turn and get back onto Route 17 South. Hotel is on right.

From **NJ Turnpike** take Exit 16W. Take Route 3 West to Route 17 North. Exit at Route 202 South. Make U-turn to Route 17 South. Hotel is on right.

Maple Shade: Quality Inn

531 Route 38 West

856/235-6400

From North Jersey take the NJ Turnpike South to Exit 4. Take Route 73 North for approximately 1 1/4 mile. Exit onto Route 38 West. The Banquet Center entrance will be immediately on your right.

From Trenton take I-295 South to the Route 73 North

exit. Proceed as above.

Millville: Best Western

Route 47, South Delsea Drive 856/327-3300

From **NJ Turnpike** take Exit 3 to Route 295 West. Get on 42 South, then almost immediately onto Route 55 to Exit 27, Millville/Route 47 South. Best Western is on the left.

Mt. Arlington: Four Points/Sheraton Hotel

15 Howard Boulevard 201/770-2000

From **Route 287 Northbound** take exit to Route 80 West. Follow Route 80 West for approximately 12 miles to Exit 30 (Howard Boulevard/Mt. Arlington). Exit is on the right; the hotel is on the left.

From **GSP Southbound** take exit to Route 280 West. Follow Route 80 West for approximately 20 miles to Exit 30 (Howard Boulevard/Mt. Arlington). Exit is on the right; the hotel is on the left.

From **GSP Northbound** take exit to Route 280 West until it merges with Route 80 West. Follow Route 80 West for approximately 20 miles to Exit 30 (Howard Boulevard/Mt. Arlington). Exit is on the right; the hotel is on the left.

Princeton: Best Western/The Palmer Inn

3499 Route 1 South 609/452-2500

From **NJ Turnpike Southbound** take Exit 9. Follow signs for Route 18 North and proceed 1/4 mile to Route 1 South. Follow Route 1 South for about 18 miles. Hotel is on right, 1 mile south of Princeton Market Fair.

From **GSP Southbound** take Exit 130 (Route 1 South). Continue on Route 1 South 26 miles. Hotel is on right, 1 mile south of Princeton Market Fair.

From **I-95 Northbound** take Exit 67 (Route 1 North) to Meadow Road jughandle. Take jughandle to Route 1 South. Hotel is on right, 1/4 mile south of jughandle.

Saddle Brook: Holiday Inn

50 Kenney Place

201/843-0600

From **GSP Southbound** take Exit 159 and follow signs for Saddle Brook. Bear right at first fork and at first traffic light bear right onto Midland Ave. Go through next traffic light, make first left at the first street (Kennedy Pl.). Hotel is on right.

From **GSP Northbound** take Exit 159. Bear right at toll booth toward Saddle Brook. At second traffic light turn left onto Midland Ave. and left again at the first street (Kenney Pl.). Hotel is on the right.

Springfield: Holiday Inn

304 Route 22 West

973/376-9400

From **GSP Northbound** take Exit 140. Follow signs for Route 22 West. Stay on Route 22 approximately 3 miles. Hotel is on right.

From **GSP Southbound** take Exit 140A. Follow signs for Route 22 West. Stay on Route 22 approximately 3 miles. Hotel is on right.

From **NJ Turnpike Northbound** take Exit 11. Follow GSP Northbound to Exit 140. Follow signs for Route 22 West. Stay on Route 22 approximately 3 miles. Hotel is on right.

From **NJ Turnpike Southbound** take Exit 14. Follow signs for Route 22 West. Stay on Route 22 approximately 5miles. Hotel is on right.

From **Route 78** take Exit 49A/Springfield and follow signs for Route 22 West. Stay on Route 22 approximately 3 miles. Hotel is on right.

Toms River: Holiday Inn

290 Route 37 West 732/244-4000

From **GSP** take Exit 82 to Route 37 East. Take Clifton Avenue jughandle across Route 37 to hotel.

Follow Route 9 or Route 70 to Route 37 East. Take Clifton

Avenue jughandle across Route 37 to hotel.

Vineland: Ramada Inn

2216 West Landis Avenue 609/696-3800

From NJ Turnpike Southbound take Exit 2 to Route 322 East. Follow 322 East to Route 55 South to Exit 32A. Follow

exit ramp. Hotel is on left.

From **South Jersey** take GSP South to Exit 44. Take Rte. 575W to Rte. 40W. Follow 40W to Route 55S. Take 55S to Exit 32A.

Registration for UCC officials and inspectors who are working in code enforcement begins

January 28.

Open registration for all other licensed inspectors begins February 4.

The information found in this brochure will be published on the following web sites:

http://www.state.nj.us/dca/codes/ and www.policy.rutgers.edu/cgs



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